InfoComm 2014 – HDBaseT New Products & Solutions

Booth C6035,
Las Vegas, 18-20th June 2014

The HDBaseT Alliance

The HDBaseT™ Alliance advances and promotes the adoption of HDBaseT technology as the global standard for high definition, digital connectivity. Since its founding in 2010 by LG Electronics, Samsung Electronics, Sony Pictures Entertainment, and Valens, the Alliance has brought together the leading names in the consumer electronics and professional AV market. The cornerstone of HDBaseT technology is the New 5Play™, a feature set that converges uncompressed Ultra-HD digital video, audio, 100BaseT Ethernet, power over cable, various control signals, and USB through a single LAN cable. For additional information on HDBaseT Alliance and membership benefits, visit www.HDBaseT.org.

HDBaseT Technology

HDBaseT technology has become the standard for ultra HD video distribution in residential and commercial applications. It brings a rich feature set, increased reach, and better performance than existing solutions. The cornerstone of the technology is the New 5Play™, the converged delivery of uncompressed high-definition digital video and audio, Ethernet, up to 100 W power, various control signals, and USB, through a single LAN cable.

Solutions from the Alliance's Contributor Members

Atlona (Booth C9116)

http://www.atlona.com/

4K HDBaseT Switcher for Dual-Display Systems (AT-UHD-CLSO-612)

- 1 RU switcher with 2 HDBaseT, 2 HDMI and 2 analog inputs, scaled HDBaseT output for increased flexibility in boardroom & classroom designs
- 4K up- and down-scaling, converting, audio de-embedding and extension capabilities
- Source selection, master/sub volume control, audio line-level and EQ adjustments
- Control through front panel or remotely via RS-232 or IP control

Crestron (Booth C7008) (1/2)

http://www.crestron.com/

4K HDBaseT Receiver & Room Controller with Scaler (DM-RMC-4K-SCALER-C)

- Simple one-box interface for a single 4K display device as part of a complete DigitalMedia system or connected directly to any HDBaseT source
- Integrated video scaler can upscale content to 4K60, downscale 4K content to 1080p, and perform video-wall processing functions

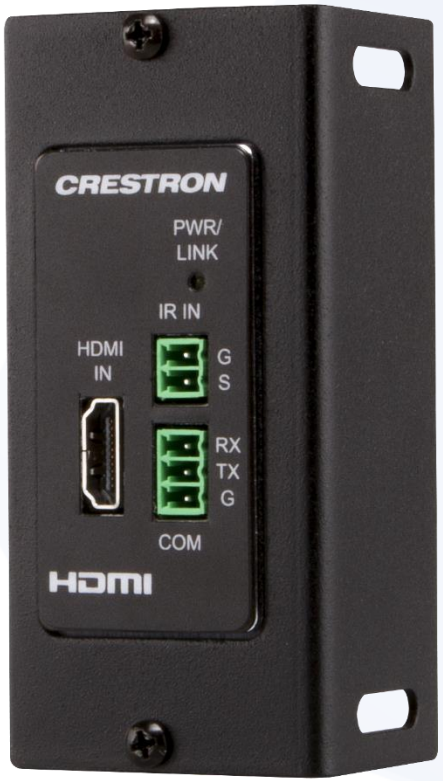
Single-Gang Wall Plate 4K HDBaseT Receiver & Room Controller (DM-RMC-4K-100-C-1G)

- Simple single-gang interface for a single 4K display device as part of a complete DigitalMedia system or connected directly to any HDBaseT source
- Lossless audio and 4K video, and RS-232 and IR control ports
- Compact low-profile design

Cont.: Crestron

Single-Gang Wall Plate 4K HDBaseT Transmitter (DM-TX-4K-100-C-1G)

- Simple single-gang transmitter for a single 4K source as part of a complete DigitalMedia system or connected directly to any HDBaseT display
- Lossless audio and 4K video, and RS-232 and IR control ports
- Compact low-profile design



4K HDBaseT Input Cards and Blade (DMC-4K-C, DMC-4K-C-DSP, DMB-4K-I-C)

- Line-up of cards and blades for 4K HDBaseT input from DigitalMedia transmitters or any HDBaseT source to any DigitalMedia matrix switcher (from 8x8 to 128x128)
- Allows the multichannel signal to reach the surround sound system without requiring any decoding, while providing a 2-channel downmix to feed a stereo zone or audio distribution system

Panasonic (Booth C5416)

http://panasonic.net/

WUXGA high-brightness portable LCD projector, with HDBaseT connection (PT-VZ575N)

- World's first WUXGA high brightness portable LCD projector
- High image quality, low TCO and flexible installation
- DIGITAL LINK (HDBaseT) connection

Quantum Data (Booth C9442)

www.quantumdata.com

780C Multi-Interface Interoperability Tester

- Portable A/V generator and analyzer for verification, testing and troubleshooting of digital video devices and video distribution networks including ultra high-definition devices with 4K capability
- HDBaseT Tx and Rx interfaces in addition to HDMI, 3G-SDI and analog ports for testing both source and sink video devices
- Can also monitor hot plug events as well as HDCP transactions and EDID exchanges occurring over the Display Data Channel (DDC) between HDBaseT and/or HDMI devices
- 7” touch screen, 800 x 480 resolution for operation and viewing status

HDBT™

Sony Corporation (Booth C8908)

www.sony.com/infocomm

7,000lm WUXGA Laser Light Source 3LCD Projector with Optional HDBaseT adaptor (VPL-FHZ700L)

- High image quality and Brightness of 7,000lm 3LCD Laser Light Source Projector
- 20,000H long life maintenance free without lamp exchange
- Flexibility with angle-free installation, widest lens shift range, rich optional lenses
- Optional slot-in HDBaseT board available
- Low power consumption

5,000lm WUXGA 3LCD Projector with Built-in HDBaseT interface (VPL-CH375)

- 0.64” size new gen WUXGA BrightEra® Panel
- Up to 5,000lm brightness
- Fine lens shift for easy installation, corner adjustment and H/V keystone adjustment for wide flexibility
- Built-in HDBaseT interface
- Low power consumption

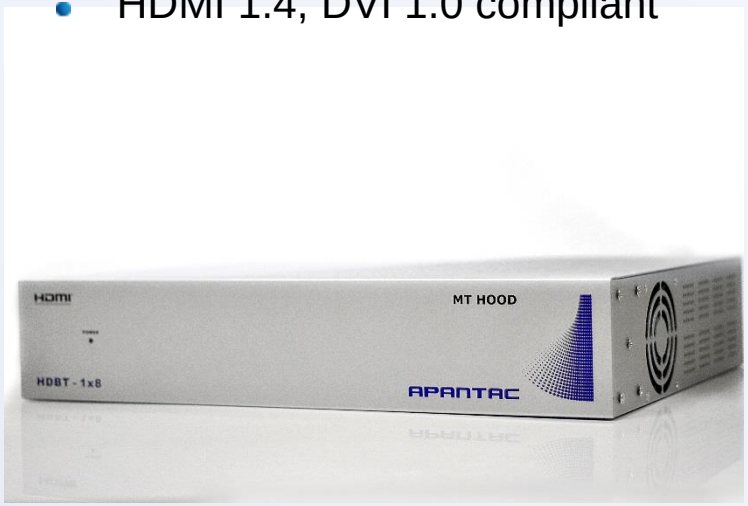
Solutions from the Alliance's Adopter Members

Apantac (Booth N918)

www.apantac.com

1x8 (HDBT-1x8) & 1x16 (HDBT-1x16) HDBaseT Splitters

- Fully-featured HDMI splitters with built-in HDBaseT Extenders for up to 330 feet (100 meters)
- Video, audio, IR (infrared), IP and RS232 control
- Formats supported include:
  - HDMI, DVI, full HD 1080P, 3D and 4K x 2K
  - HDMI 1.4, DVI 1.0 compliant



Aten International (Booth N1163)

http://www.aten.com/

HDMI Extender over Single Cat5 with Dual Display (VE814)

- Supports HDMI (3D, Deep Color), Ultra HD (4k x 2k), Dolby True HD, DTS HD Master Audio
- HDCP compatible, with remote EDID pass-through to ensure optimum video quality
- Extends Ethernet communication with pass-through port

4/8-Port HDMI Over Single Cat5 Splitter (VS1814T/VS1818T)

- One HDMI input to 4/8 HDMI outputs via a Cat 5e cable
- HDMI (3D, Deep color, 4kx2k); HDCP Compatible, supports Dolby True HD, DTS HD Master Audio, Consumer Electronics Control (CEC), bi-directional RS-232 serial remote port for high-end system control
- EDID mode selection

Aurora Multimedia (Booth C5430)

http://auroramultimedia.com/

HDBaseT Wall Plate Series (DXW-3)

- Four models
- World's first HDBaseT Wall plate with DisplayPort, HDMI & VGA/YPbPr
- HDBaseT 600ft Extension
- RS-232, IR, LAN port, USB ports

Series of HDMI extenders (DXE-RX3)

- Four models, with up to 2x35 watt amplifier and embedded IP control webserver engine
- Complements Digital Xtreme Series of HDBaseT Transmitters
- HDBaseT allows up to 330ft 1080p 60Hz 48bit color depth, 500ft 1080p 60Hz 24bit (CAT 6), or 600ft 1080p 60Hz 24bit (CAT 6A Shielded)
- RS-232, IR, & LAN sent over the same cable bi-directionally

Broadata Communications, Inc.(Booth C6038) (1/2)

http://www.broadatacom.com/

Link Bridge HDBaseT HDMI/VGA Transmitter System (LBH-H/V-EAD)

- Supports auto-switching between HDMI & VGA input
- Option of separate analog or digital audio embedding
- Stand-alone and wall plate form factors
- Bi-directional RS-232/IR control data for video-audio-data transmission across single Cat5/6e cable in stand-alone version

Link Bridge HDBaseT DVI Transmission Systems (LBH-DVI-2PH)

- Smallest footprint HDBaseT extender transmitter and receiver pair on the market today
- Bi-directional PoH (power over HDBaseT)
- 4K2K & HDTV resolutions up to 1080p@60Hz or 1920x1200@60Hz
- Supports DVI and IR control data transmission over a single Cat5e/6 cable

Cont.: Broadata Communications, Inc.

Link Bridge HD-BaseT Output Switcher Card (LBS-8OUT-HDBT)

- Extend video signals up to 100m over single CAT 5e/6
- Supports PoH, Power over HDBaseT
- Supports EDID, & HDCP content , up to 4K2K support
- RS232 and TCP/IP control, 12 bit deep color
- Supports In-Line control from 3rd party control system

Christie (Booth N505)

http://www.christiedigital.com/en-us/pages/default.aspx

1-Chip DLP Laser-Diode Christie GS Series Projectors

- High-resolution, 1-chip DLP laser-diode projectors in WXGA, HD and WUXGA resolutions
- Wireless connectivity and a suite of optional lenses for greater installation flexibility
- Input options include HDBaseT, HDMI and DVI display port
- Up to 1200:1 contrast ratio and Picture-in-Picture and Picture-by-Picture functionality

Creator (Booth C5838)

http://www.creator1997.com/index.aspx

Presentation Digital Scaler Switcher (CR-iMAX901HD)

- Various video signals format scale and switching including CVBS, Y PR/C
- CR-iMAX901HD presentation scaler switcher, combines the features of the various video signals format scale and switching including: CVBS， Y PrCr, Pb/Cb, VGA, DHMI, DP and HDBaseT switch out to HDMI/HDBaseT
- Analog audio integrated into HDMI/HDBaseT; separate digital audio to independent amplifier out

Cypress Technology

http://www.cypress.com.tw/

8×4 Multi-Interface Digital Presentation Scaler (CDPS-84HB)

- HDBaseT-enabled 8x4 Digital Presentation Scaler
- 5Play: Video, audio, LAN serving, bi-directional Power over Ethernet (PoE) and control (IR & RS-232) over 100m over 5e/6/7 cables
- 4 HDMI inputs with corresponding L/R audio inputs (3.5mm mini-jack), two HDBaseT CAT5e/6/7 inputs, PC (15-pin D-sub) with L/R audio (3.5mm mini-jack) and Composite video and L/R audio (3 RCA)
- 2 HDMI outputs, one HDBaseT CAT5e/6/7 output, one digital coaxial audio output and one L/R audio 3.5mm mini-jack output

DVI over CAT5e/6/7 Extender with LAN Serving (CDVI-1109TXC & CDVI-1109RXC)

- HDBaseT DVI over CAT5e/6/7 transmitter and receiver set for DVI video, analog audio, 2 LAN serving connections, control (RS-232 and IR) and Power over Ethernet (PoE) over a single CAT5e/6/7 cable up to 100m (5Play)
- Supports 3D formats and 4K2K resolution with HDMI to DVI adaptor
- Connect and share up to 4 LAN connections (2 at the receiver end, 2 at the Transmitter end) at speeds up to 100Mbps

Cont.: Cypress Technology (2/5)

HDMI/VGA over CAT5e/6/7 Transmitter with Video Scaling (CH-520TXAHS)

- 5Play: Video, audio, LAN serving, bi-directional Power over Ethernet (PoE) and control (IR & RS-232) over 100m over 5e/6/7 cables
- Supports scaling of the HDMI/PC input to a wide range of HDTV and PC output resolutions
- Transmission of uncompressed data over a single 100m/328 ft CAT5e/6/7 cable to a compatible receiver

HDMI over CAT5e/6/7 Receiver with Video Scaling (CH-521RXHS)

- Full 5Play™ convergence: Video, audio, LAN serving , bi-directional Power over Ethernet (PoE) and control (IR & RS-232 bypass)
- Supports scaling of the HDMI input to full range of HDTV and PC output resolutions
- Supports a wide range of HDTV and PC output resolutions up to 1080p and WUXGA (RB)
- Supports HDMI, Optical (S/PDIF) audio sampling rates up to 48kHz

Cont.: Cypress Technology (3/5)

2×8 HDMI over CAT5e/6/7 Switching Splitter with LAN Serving (CHDBT-2H8CE)

- 4K2K capable HDBaseT-HDMI to HDMI and CAT5e/6/7 transmitter
- 8 remote HDBaseT CAT5e/6/7 outputs, plus an additional HDMI output which can be connected to a local HDMI display for monitoring
- Audio De-Embedding function for audio integration into a wider AV system or direct connection to an AV receiver

4×4 HDMI 4K2K over CAT5e/6/7 Matrix with LAN Serving (CMPRO-U4H4CVE, CMPRO-U4H4CVPL)

- 4K2K HDBaseT 4x4 HDMI matrix for the transmission of video (resolutions up to 1080p/4K2K), multi-channel digital audio and source control via 2 way IR, RS-232 pass-through, from 4 HDMI sources to 4 HDBaseT outputs over a single CAT5e/6/7 cable (up to 100m/60m) for each output
- LAN connectivity for 100BaseT network to be served to smart TVs or games consoles

Cont.: Cypress Technology (4/5)

8×8 HDMI 4K2K over CAT5e/6/7 Matrix with LAN Serving (CMPRO-U8H8CVE)

- 4K2K HDBaseT 8x8 HDMI matrix for the transmission of video (resolutions up to 1080p/4K2K), multi-channel digital audio and source control via 2 way IR, RS-232 pass-through, from 8 HDMI sources to 8 HDBaseT outputs over single CAT5e/6/7 cable (up to 100m) for each output
- LAN connectivity for 100BaseT network to be served to smart TVs or games consoles

4×8 HDMI over HDMI and CAT5e/6/7 Matrix with LAN Serving (CMSI-48E)

- HDBaseT 4x8 matrix for switching and distribution of 4 HDMI sources, allowing independent routing to any of its eight outputs
- Equipped with 4 HDMI outputs and 4 HDBaseT CAT5e/6/7 outputs for transmission of HD video and audio, bi-directional IR control, RS-232 pass-through, Power over Ethernet (PoE) and LAN serving

Cont.: Cypress Technology (5/5)

Integrated Zone Amplifier with HDBaseT Support (DCT-23HD)

- Compact 2 channel digital receiver for integrating local sources and remote HDBaseT inputs
- Multiple audio and video input and output options including HDMI, HDBaseT, Digital and Analog Audio inputs and HDMI, HDBaseT and speaker level outputs, Analog to Digital and Digital to Analog conversion (DAC/ADC)
- Supports audio sampling rates up to 24-bit/96kHz and sound amplification 30W per channel
- 5Play: HD video and audio, bi-directional IR control, RS-232 pass-through, Power over Ethernet (PoE) and LAN serving over a single CAT5e/6/7 cable up to 100 meters
- Resolution support up to 4K2K, 3D, 36-bit Deep Color and support for High-definition lossless audio formats

Gefen (Booth N955)

http://www.gefen.com/

ToolBox 4K Ultra-HD ELR (Extra Long Range) POL (Power over Line) Extender

- Point-to-point transmission of 4k Ultra HD content with RS-232 and bi-directional IR
- POL provides power to the receiver unit using the same single CAT-5 cable
- Up to 150 meters
- Up to 1080p full HD resolution
- 4k Ultra HD content up to 100 meters
- Near zero latency delivery over one Cat5 cable combined with Gefen's ELR implementation of HDBaseT

DVI ELR Extender

- For an additional 50-meter extension beyond 100 meters
- Small sender and receiver units to transmit 1920x1200 video resolutions

Hall Research (Booth N327) (1/2)

http://www.hallresearch.com/

UHBX-3S HDMI on HDBaseT 1x3 Splitter

- HDMI 1.4 compliant splitter with 1 local HDMI output and 3 HDBaseT outputs for transmission over one Cat6 cable up to 150m (500ft)
- HDCP, 3D, Deep Color, and 4Kx2K resolution support, with EDID management integrated with USB port
- Single RS-232 connector to receive or send commands
- PoH (Power over HDBaseT) using optional external 48 v DC power supply

UHBX-3S

UH-1BTX-R

UHBX-R-PD

Cont.: Hall Research (2/2)

UHBX-8X Multiport HDMI on HDBaseT Extension Box

- 1RU sender & receiver unit, converts 8 HDMI inputs to corresponding HDBaseT outputs for extension to 150m (500ft) on single UTP
- HDCP, 3D, Deep Color, CEC, and 4K (UHD) resolution support
- IP (Ethernet), and RS-232 ports for control.

UHBX-WP-P2 HDMI over UTP Extender with HDBaseT and PoH

- Wall plate sender & receiver extender kit using HDBaseT technology
- HDMI and PoH (Power-over-HDBaseT) up to 500ft (150m) on a single Cat6 cable
- Support for DVI and HDMI signals of virtually any resolution up to 4K x 2K to 330 ft (100m), and in Long Reach mode up to 1920x1080 to 500 ft (150 m)

HDBT™

HDCVT (Playvision)

http://www.playvision.biz/

HD BaseT 1x4 Splitter with EDID control (HDS-914H70/ HDS-914H100)

- Split and extends HDMI signals 70/100 m
- Converts HDMI signals to standard HD BaseT signals and transmitted by LAN cable, up to 70/100m
- Supports Transfer Bidirectional Infrared control signal

HDMI Matrix with four HDMI inputs & outputs and four HDBaseT bypass outputs (HDM-944H100)

- High performance HDMI Matrix with four HDMI inputs & outputs and four HDBaseT bypass outputs
- Any source (Blue-Ray player, HD DVD player, satellite receiver, game system, etc.) can be shown on the any of four displays simultaneously
- Supports 4K×2K, 3D, Deep Color

Hitachi (Booth C5130/C8147)

http://www.hitachi-ce.co.jp/en/company/index.html

CP-WU9410 DLP Projector

- WUXGA 1920 x 1200 resolution
- 8,500 ANSI lumens light output, 2500:1 contrast ratio
- HDMI 2 inputs, HDBaseT-enabled to deliver residenteial and commercial distribution of uncompressed HD multimedia content over a single CAT5e/6 cable up to 328 ft
- Accentualizer—advanced image processing and built-in dual color wheel
- Edge blending, geometric correction and high dynamic contrast range (HDCR)

Integra

http://www.integrahometheater.com/

7.2 Channel THX Select2 Plus Network AV Receiver (DTR-40.6 AV Receiver)

- Combines the latest HDMI version supporting 4K/60 Hz and HDCP 2.2 copy protection with HDBaseT connectivity up to 328ft (100m) for uncompressed full HD multimedia content, through a single Cat5/6e cable, including 3D and 2K/4K Ultra-HD
- THX Select2 Plus certified to ensure the finest audio quality possible
- Seven channels of power at 110 watts per channel (at 8 ohms)
- Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor, x.v.Color, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC

Kanexpro (Booth N1657) (1/3)

http://www.kanexpro.com/item/?id=HDSC51HDBT

5-Input Mini-HD Switcher & Scaler with HDBaseT Output (HDSC51HDBT)

- 1U, half-rack
- Scale and switch HDMI, C-video, YPbPr and legacy VGA video signal to HDMI output and HDBaseT output supporting Power over Ethernet (PoE) up to 230 ft (70 m)
- HDCP-compliant, with bi-directional wideband IR and RS-232 control

Cont.: Kanexpro (2/3)

HDBaseT 70M – HDMI Extender with Power over Ethernet (HDBASE70POE)

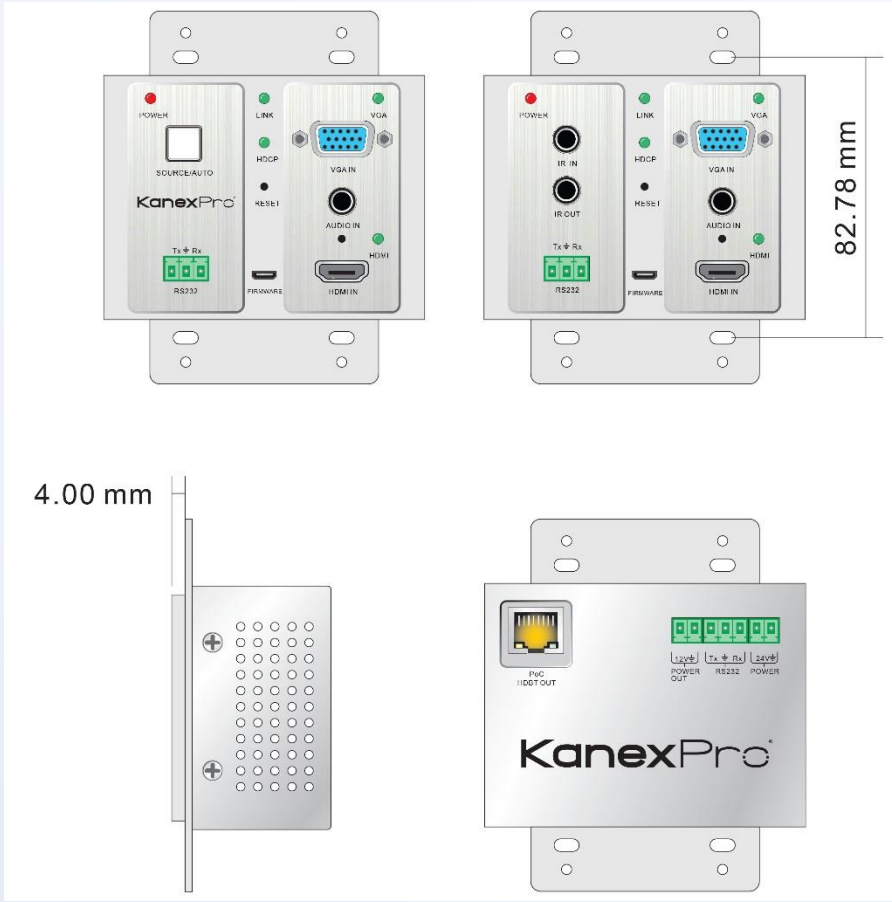
- Two-way remote power technology - Tx to Rx or Rx to Tx using PoE (Power over Ethernet)
- HDCP & EDID compliant
- Supports all frequencies IR pass through, 5V & 12V, Crestron and Xantech IR control signal compatible

HDBaseT 100M Extender with 2-Port Ethernet Switch (HDBASE100ME)

- Extend Ultra HD 4K, multi-channel audio, Ethernet & IR over a single Cat 6 cable
- Integrates 2 Ethernet ports for network devices
- Supports resolutions from 1080p/60@48bit to Ultra HD 4K Bandwidth up to 10.2 Gbps HDCP, CEC and EDID compliant

Cont.: Kanexpro

HDBaseT Wall Plate Transmitter with HDMI and VGA selector switch (HDBASETXWP)



- Built in Tx Wall plate designed for conference and corporate board rooms
- Transmitter powered over Ethernet
- Designed with VGA and HDMI auto switching mechanism

Key Digital (Booth C9322)

http://www.keydigital.com/

Series of Digital IQ HDBaseT Matrix Switchers (KD-HD4x4Lite, KD-HD6x6Lite, KD-HD8x8Lite)

- 4/6/8 HDBaseT (CAT5e/6 RJ45) and 4/6/8 HDMI outputs, supporting up to 8/12/16 TVs (4/6/8 mirrored)
- Full buffer system, protecting source to display connectivity for EDID, HDCP and other HDMI handshake errors
- Built-in Compass Control Master Controller, negating the need for an external master controller (supports up to 17/27/33 IR, RS232 or Contact Closure control ports)

Series of HDBaseT Extenders (KD-CATHD250Lite, KD-CATHD250POH)

- KD-CATHD250Lite: HDBaseT/HDMI via Single CAT5e/6 Extenders (Tx + Rx Set) with Full Buffer System, and IR/RS-232
- KD-CATHD250POH: HDBaseT/HDMI POH via Single CAT5e/6 Extenders(Tx + Rx Set) with Full Buffer System, IR/RS-232, and Power Over HDBaseT. Unit does not require power supply

Kramer (Booth C7736)

http://www.kramerus.com/

SID-X2N – 4-Input Multi-Format Video over HDBaseT Transmitter

- HDBaseT twisted pair transmitter for computer graphics video, HDMI, DVI, DisplayPort and unbalanced stereo audio signals
- HDTV compatible & HDCP compliant
- HDMI Support - Deep Color, x.v.Color and 3D
- I-EDIDPro - Intelligent handling & processing algorithm for plug-and-play operation for HDMI systems.

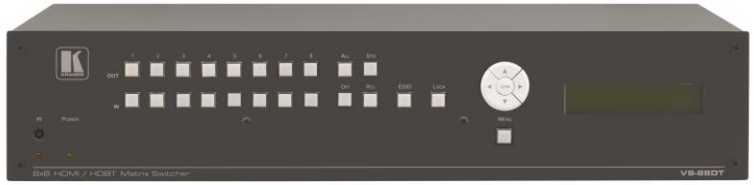
VP-427 – HDBaseT to HDMI ProScale Receiver/Scaler

- Receiver/scaler for HDBaseT twisted pair, HDMI, bidirectional RS-232 and IR signals
- Up- or down-scales the picture to match the resolution of the HDMI monitor

Cont.: Kramer

VS-88DT – HDMI/HDBT Matrix Switcher

- HDMI/HDBT matrix switcher for HDMI, HDBaseT and IR signals
- 8 HDMI inputs and 8 HDMI & HDBaseT outputs
- HDTV Compatible & HDCP Compliant
- EDID Capture
- HDMI Support - 3D, Deep Color, x.v.Color, Lip Sync, Dolby TrueHD, Dolby Digital Plus, DTS-HD and 7.1 multi-channel audio



VP-773/VP-773AMP/VP-774/VP-774AMP – 8/9-Input HDMI & HDBaseT ProScale Presentation Switcher/Scalers with 2K Support

- High-performance presentation switchers and scalers
- Inputs - One DisplayPort (DP), one composite video, two computer graphics and four HDMI signals
- Output to two HDMI and one HDBaseT TP output, and with S/PDIF and balanced stereo audio outputs

Cont.: Kramer

VP-553 – Boardroom Presentation Switcher/Dual Scaler

- High-performance 6x2 presentation switcher/scaler for HDMI and HDBaseT signals with additional analog support and a 4x1 USB switcher
- Three HDBaseT and Three HDMI inputs
- Pix-Perfect™ Scaling Technology - For precision pixel mapping and high quality scaling technology
- High-quality 3:2 and 2:2 pull down de-interlacing and full up- and down-scaling of video input signals
- HDBaseT - Up to 70m (230ft)
- HDTV Compatible & HDCP Compliant

C2G (Booth C6019) (1/2)

http://www.c2g.com/

HDMI HDBaseT over Cat5 Extender Kit (29457)

- Extend HDMI audio/video signals up to 190ft at up to a 4k resolution using HDBaseT over a single Cat5/Cat5e/Cat6 unshielded twisted pair cable
- EDID and IR control support
- Built-in power surge protection and high ground loop immunity for high performance signal extension

HDMI and VGA + Stereo Audio HDBaseT over Cat5 Extender Wall Plate Transmitter (29301/29218)

- Extend HDMI, VGA and Stereo Audio signals up to 230 feet over a single Cat5 network patch cable with HDBaseT at 1080p resolution
- Automatic, manual or serial RS232 switching
- TruChoice power for the flexibility to power at either the transmitter or receiver end
- HDCP and EDID support
- Built-in power surge protection and high ground loop immunity for high performance signal extension

Cont.: C2G

HDMI HDBaseT over Cat5 Extender Box Transmitter to Box Receiver Kit (29210)

- Extend HDMI video and audio signals up to 300ft at a 1080p video resolution over a single Cat5/Cat5e/Cat6 unshielded twisted pair cable using HDBaseT
- TruChoice power for the flexibility to power at either the transmitter or receiver end
- HDCP and EDID support
- Built-in power surge protection and high ground loop immunity for high performance signal extension

Cat6 Snagless Solid Shielded Network Patch Cable (43122/43123/43124)

- Built to Cat6 TIA/EIA and ISO/IEC standards
- Each individual pair is bonded together to help maintain the twist-spacing throughout the cable right up to the termination point.
- Shielded plug, shielded cable and snagless boot insures superior performance and minimizes Near-End Crosstalk (NEXT) levels

HDBT™

Lightware Visual Engineering (Booth C4920)

http://www.lightware.eu/

65X65 and 80X80 Modular Matrix Switchers

- HDBaseT-HDMI matrix switchers
- HDMI local inputs and outputs mixed with TPS boards
- 4K support

HDBaseT Extender Product Family (UMX-TPS)

- Stand-alone, under desk mount and wall plate models
- Transmit universal video at resolutions up to 4K, audio, and control up to 170m over one CAT cable

Monoprice (Booth C7150) (1/2)

http://www.monoprice.com/

HDBaseT 4x4 HDMI Matrix Switch and Receivers (PID 10682)

- Four video inputs/outputs in any combination
- RS232 serial connection
- HDBaseT video extender up to 70/100m over a single Cat5e/Cat6 cable
- Daisy chained up to 8x, for a maximum total extension distance of up to 800 meters

HDBaseT 1x8 HDMI Splitter and 8 Receivers (PID 10683)

- HDMI video signal distributed to up to 8 displays at up to 100m
- HDBaseT video extender up 70/100m over a single Cat5e/Cat6 cable
- Daisy chained up to 8x, for a maximum total extension distance of up to 800 meters
- IR control signals and 100Base-TX Fast Ethernet (100Mbps) network traffic

Cont.: Monoprice

HDBaseT Daisy Chain Extender (PID 10685)

- For 70/100m extension of HDMI video signals over a single Cat5e/Cat6 cable
- Daisy chained up to 8x, for a maximum total extension distance of up to 800 meters
- HDMI video output, 3.5mm jacks for IR receiver and transmitter, and 2-port 100Base-TX Fast Ethernet switch

MuxLab (Booth C4714)

www.muxlab.com

HDMI 4x8 and 4X4 Matrix Switches, HDBT, PoE (500416-POE-US, 500416-POE-UK, 500416-POE-EU. 500418-POE-US, 500418-POE-UK, 500418-POE-EU)

- HDBaseT switching via one Cat5e/6 cable up to 230ft at 1080p with an HDMI extender on the receiving side
- Input of 4 HDMI 4 IR sensors (3.5mm stereo) and output of 4 HDBaseT and 4 IR emitters (3.5mm mono)
- POE support
- Management through front panel controls, RS232, USB, IP or via web server interface

Opticomm-EMCORE (Booth C7716)

http://www.emcore.com/

Stand-Alone c-linx Series and Card-Based Optiva OTC Series of CATx/HDBaseT Extenders (CX-1HDMI-IR, CX-1HDMI-LT, CX-1DVI-A-D, OTC-1HDMI-IR, OTC-1DVI2AUSB)

- Full HD and 4K UHD video support, for long-distance CATx extension
- c-linx Series: wall or table mountable units, for extension of HDMI, DVI VGA and Component video sources along with stereo analog audio, digital audio, HDCP compliance, IR control, RS-232 control, and Power over HDBaseT
- Optiva Series: HDMI, DVI and 3G HD-SDI extension over CATx in the same Optiva chassis as their current fiber cards, all managed by the same OptivaView SNMP and Controller Card

CX-1HDMI-IR

OTC-1HDMI-IR

Peerless-AV (Booth C7918)

http://www.peerless-av.com/en-uk/professional/

HDBaseT Integrated Articulating Wall Mount with Audio Amplifier (HDB-762PU-EXAMP)

- The ONLY solution for secure and 100% reliable receiver mounting
- Receiver with 25w per channel audio amplifier support
- HD video, uncompressed audio, and bi-directional control on single wire
- Supports displays ranging from 40" to 75".

Integrated Tilt Wall Mount with EDID Support (HDB-STX660-EXED)

- World's first integrated HDBaseT tilt wall mount
- Security cage for receiver ideal for commercial installations
- HD video, uncompressed audio, bi-directional control and 10/100 Ethernet with a single wire
- Supports displays ranging from 39" to 90"

Philips (Booth N3177)

http://www.usa.philips.com/Professional_display_solutions.page

HDBaseT-enabled V-Line Display (BDL4671VL)

- 46” display, with full high-definition LED technology and Smart Control software suite over one single LAN cable
- HDBaseT OPS (Open Pluggable Specification) slot
- SmartPower for energy saving
- Portrait mode operability
- Smart insert in the backcover to place a small pc
- Failover, USB Media Playback, designed for 24/7 operation, IR Passthrough

Primeview (Booth C6035)

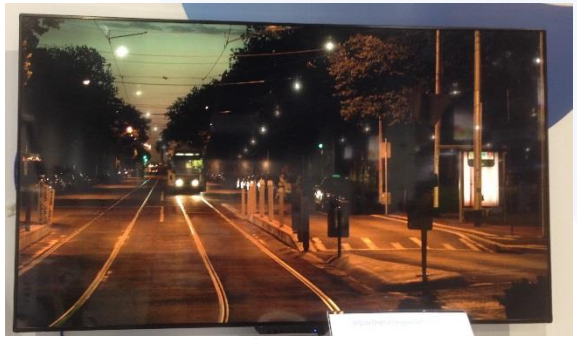
http://www.primeview.biz/

Super Narrow Gap video wall with HDBaseT connectivity embedded (PRV55SNG01HDBT)

- 55“Slimmest bezel (3.5 mm total gap) of all large format LCD video wall displays
- HDBaseT Tx (transmitter) + Rx (receiver): video, audio and control using one Ethernet cable over 300ft (VGA, DVI, HDMI, component or video inputs)
- Scale up to 1080P signals over any size video-wall, not limited to 3x3 or 10x10 layouts while also maintaining HDCP compliance
- New Direct LED 700 or 500 NITS backlight
- Daisy chain of AC power standard

55" 4K HDBaseT LED Monitor (PRV554KLEDHDBT)

- ‘Triple Threat’: HDBaseT, display port and HDMI 1.4, for multiple connectivity options
- FHD-2K upscalerer embedded monitor
- 10 bit color driven 3840x2160 pixel resolution



Shinybow

http://www.shinybow.com.tw/

8X8 HDMI & HDBaseT Matrix Switch with Auxiliary I/O (SB-5680CAK)

- HDMI and HDBaseT inputs, outputs, audio inputs, and audio outputs
- 100 meters extension, bi-directionally IR, RS232 and PoH
- HDMI long distance transmission for HD sources
- Auxiliary I/O support ARC for input of external stereo audio and either replace the original embedded HDMI audio or output the input audio when it is DVI format
- 4K2K resolution, 7 embedded EDID modes, and various control interface, front panel buttons, IR, RS-232, and TCP/IP

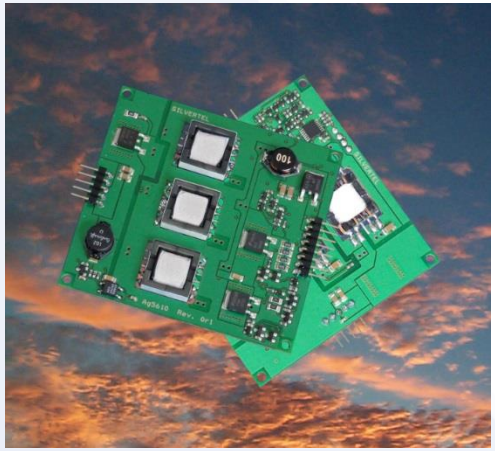
Silvertel

(1/2)

http://www.silvertel.com/

Ultra-Thin Power over HDBaseT (PoH) Powered Device module (Ag5610)

- 100W PoH for extracting Power over Ethernet (PoE) on Cat5/6 cables, complementing the 5Play feature set
- 8mm(H)x70mm(W)X70mm(D) , allowing it to fit neatly inside even the slimmest LCD TV screens
- Overload & short-circuit protection, 1500V isolation (input to output)
- PoH allows for the supply of 100W of PoE with uncompressed full 10Gbps High Definition video, and runs at low, safe-to-handle voltages for ease of installation



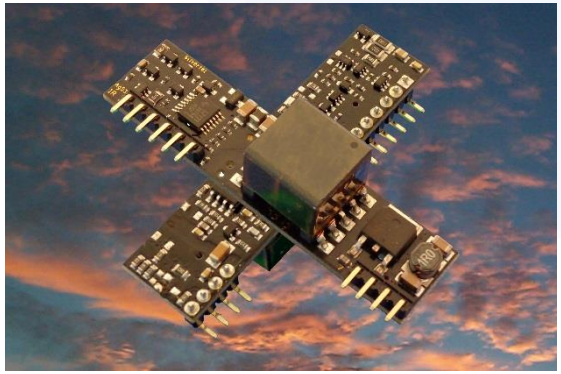
Cont.: Silvertel

Smallest PoE module compatible with HDBaseT (Ag9800)

- Small surface mount package
- IEEE802.3af compliant
- HDBaseT compatible
- Up to 12W of power
- Easy design in with minimal external components
- Low cost solution for HDBaseT extenders

Smallest PoE+ module compatible with HDBaseT (Ag5300)

- Small package
- IEEE802.3at compliant
- HDBaseT compatible
- Up to 12W of power
- Minimal external components required making implementation simple
- Low cost solution for HDBaseT extenders and small display screens



Smart Cabling & Transmission (Booth N1255)

http://www.sct.com.tw/

10x10 HDMI-HDBaseT Matrix Switcher (HE10M)

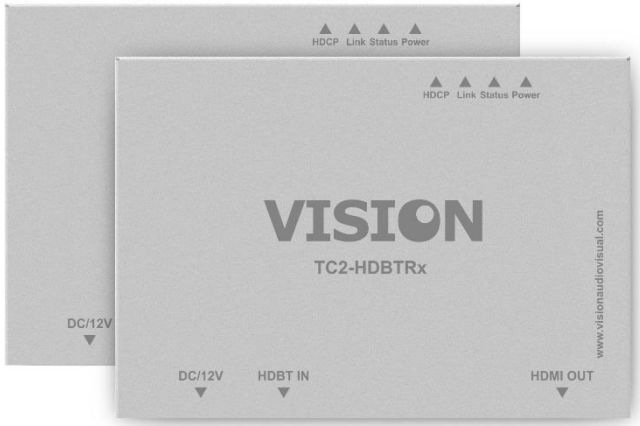
- 8 HDMI input with 2 HDBaseT input; 8 HDBaseT output with 2 HDMI output
- Extends and distributes HDMI signal to 8 remote HDMI displays over CAT5e/6 cable
- Uncompressed high definition video up to 1080p@60Hz@12bits
- HDMI 1.4 with 3D, HDCP & DVI compliant
- Built in HDMI local output at transmitter unit
- Built in IR extender

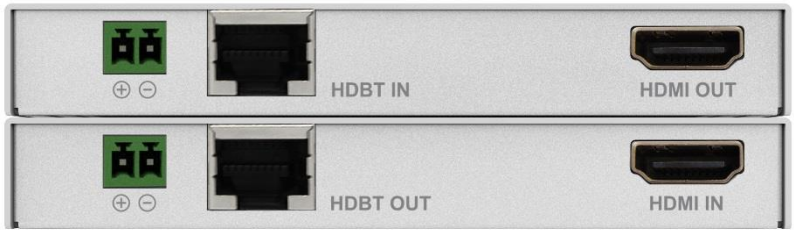
Vision (Booth C7336)

http://www.visionaudiovisual.com/about-us/

Transmission & Receiver Set (TC2-HDBT HDMI-OVER-CAT6)

- Uncompressed 4K HDMI transmission over a single CAT6 cable, up to 70m (230ft)
- Power over Ethernet (PoE) (only one power supply required)
- 15mm thick
- Full v1.4 spec HDMI with no compression: from 1080p@60Hz@48 bits up to full 4K x 2K with 3D support
- Full HDCP compliance, simple EDID (extended display identification data) pass-through





Wyrestorm (Booth C7949) (1/3)

http://www.wyrestorm.com/

Customizable Modular 16x16 HDBaseT Matrix with PoH and Routed Serial Control (MX-1616-PP-POH-CUSTOM)

- Modular, built-to-order HDBaseT matrix
- Distributes full 1080p HD video, HD audio, bidirectional IR control, integrated Power-over-HDBaseT (PoH) over a single Cat5e/6 cable up to 70m/230ft
- Customizable 16x16 chassis and range of 11 multi-format digital and analog transmission card options
- Multi-format digital/analog inputs and outputs, including HDMI and HDBaseT
- Transmission card connectivity include optical and analog audio, DVI, VGA, YBbPr, HDMI, RS232 as well as HDBaseT input for connection of remote devices and HDMI pass-thru to expand distributions to hundreds of displays
- Each output can be cascaded up to 7x spanning 112 displays covering up to 7.8Km.
- HDMI loop functionality of the pass-thru transmission cards, so matrix is cascadable up to 7x for large arrays of up to 784 displays, covering up to 54.8Km

Cont.: Wyrestorm

Pro Plus 8x8 HDBaseT 4K Matrix Switcher with PoH and Routed Serial Control (MX-0808-PP-POH-4K)

- Full 5-Play feature set including 100m/328ft transmissions of 1080p/48bit @60Hz with HD audio, discrete internal IR routing with RS232 control routing and internal network switch for LAN, Ethernet passthrough and 100W power over a single Cat5e/6 cable
- 4K transmissions of 30fps with chroma sub-sampling rates of 4:4:4 up to 70m/230ft over Cat6 cable
- HDMI in, HDBaseT out and switched HDMI out
- Up to 16 screens from a single unit in an 8x8+8 configuration
- Routed RS232 for greater control of individual display zones using control systems
- Tested compatible with all known 4K screens, CI and commercial control systems, graphics card and consumer devices

Cont.: Wyrestorm (3/3)

4K Compatible, Low Profile HDBaseT Extender Sets & Display Receivers (EX-100-4K/EX-70-4K/RX-100-4K/RX-70-4K)

- Low profiles of just 18mm (100s) and 15mm (70s), for a greatly reduced form factor behind displays for improved installation convenience
- Full 5-Play: 70-100m/230-328ft transmissions of 1080p@60Hz and 48bit deep color HD audio, discrete bidirectional control via IR and routed serial control, Ethernet passthrough and 100W power over a single Cat5e/6 cable
- 4K transmissions at 30fps on both 100m and 70m models with chroma sub-sampling rates of 4:4:4 or 60fps @4:2:0 up to 70m/230ft over Cat6, with internal EDID and EQ management
- HDMI in, HDBaseT out and switched HDMI out
- Dual Ethernet ports for additional network connection to a Smart TV, control system interface box or wireless access point

Thank you

For any questions, please contact press@hdbaset.org